

# **SPECIAL PROTCTIVE CIRCUIT FOR LEAKAGE OF ELECTRIC APPLIANCE CASING**

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## **Abstract of CN1058303**

The protective circuit detects directly the action of leakage, and it has need of zero sequence current mutual inductor and also the earth connection for appliance casing. It not only can reflect various sinusoidal and non-sinusoidal fault currents, and the active sesitivity is not affected, but can also be suitable for single phase or three phase power system. Said invention is composed of dc power supply circuit, action execution circuit, leakage detection starting circuit, and action test circuit. The sensitivity and actuation time limit are all high, and it is suitable for self-protection of electric appliance.

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